

BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

**Name of the Work: Drilling of New borewell and providing New pipe in ward no.07
Byatarayanapura, Kodigehalli Sub Division**

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	2.00	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Water in the vicinity, its quality, quantity and acceptability of the users indicating the location of site, recommended depth of casing pipe required an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc., as per Specification and direction	Each BW	3768.00	Rupees Three Thousand Seven Hundred Sixty Eight Only
2	100.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 0 to 50 m	Rmtr	347.00	Rupees Three Hundred Forty Seven Only
3	100.00	50 to 100 m	Rmtr	442.00	Rupees Four Hundred Forty Two Only
4	100.00	100 to 150 m	Rmtr	456.00	Rupees Four Hundred Fifty Six Only
5	100.00	150 to 200 m	Rmtr	536.00	Rupees Five Hundred Thirty Six Only
6	100.00	200 to 250 m	Rmtr	634.00	Rupees Six Hundred Thirty Four Only
7	100.00	250 to 300 m	Rmtr	700.00	Rupees Seven Hundred Only
8	100.00	300 to 350m	Rmtr	825.00	Rupees Eight Hundred Twenty Five Only
9	100.00	350 to 400m	Rmtr	900.00	Rupees Nine Hundred Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
10	140.00	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming to IS 554/1985, one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and duties) Prices include Collar-medium duty	Rmtr	1325.00	Rupees One Thousand Three Hundred Twenty Five Only
11	36.00	Providing 250mm dia PVC Pipe 6kg/cm	Rmtr	1100.00	Rupees One Thousand One Hundred Only
12	2.00	Providing and fixing Borewell Cap & Clamp Set	Set	1800.00	Rupees One Thousand Eight Hundred Only
13	2.00	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction, casing suction strainers sand guard Non return valve etc. complete. The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps	Nos	63498.00	Rupees Sixty Three Thousand Four Hundred Ninety Eight Only
14	640.00	GI Pipe 50 mm'B' class	Mtr	415.00	Rupees Four Hundred Fifteen Only
15	108.00	Heavy Duty Collar 50 mm dia	Nos	180.00	Rupees One Hundred Eighty Only
16	2.00	Providing non-return valve 50 mm	Nos	1800.00	Rupees One Thousand Eight Hundred Only
17	36.00	Providing Gate Valve 50 mm	Nos	1800.00	Rupees One Thousand Eight Hundred Only
18	2.00	Supplying and Fixing Out Door Panel up to 15 HP	Nos	15500.00	Rupees Fifteen Thousand Five Hundred Only
19	1320.00	Submersible Cable 1x3x6.0 Sq.mm	Mtr	144.00	Rupees One Hundred Forty Four Only
20	108.00	Labour charges for erection as new /repaired submersible pumpset along with GI pipe (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pumpset should be handed over to department including transportation (Each length =6.00)	Per Length	88.00	Rupees Eighty Eight Only
21	2.00	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	292.00	Rupees Two Hundred Ninety Two Only

Sl. No.	Quantity	Description	Unit	Rates	
				In Figures	In Words
22	70.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975GROUP-A	Mtr	150.00	Rupees One Hundred Fifty Only
23	70.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975.	Mtr	11.88	Rupees Eleven and Eighty Eight Paise Only
24	60.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)	Mtr	76.00	Rupees Seventy Six Only
25	8.00	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.	Mtr	335.00	Rupees Three Hundred Thirty Five Only
26	2.00	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	Nos	270.00	Rupees Two Hundred Seventy Only
27	2.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	Nos	2999.70	Rupees Two Thousand Nine Hundred Ninety Nine and Seventy Paise Only
28	12.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	Nos	174.00	Rupees One Hundred Seventy Four Only
29	2.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps	Nos	1715.00	Rupees One Thousand Seven Hundred Fifteen Only
30	46800.00	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq. Cm	0.35	and Thirty Five Paise Only
31	61.20	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately complete as per specifications. MORTH Specification No. 202	Cum	952.94	Rupees Nine Hundred Fifty Two and Ninety Four Paise Only
32	122.40	Earthwork excavation for pipeline trenches including deporiting or	Cum	262.00	Rupees Two Hundred Sixty Two Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
33	510.00	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the exexcavation Etc.,	Rmtr	207.00	Rupees Two Hundred Seven Only
34	76.50	M2100 Filling the foundations KSRRB 2100-6. Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. MORTH Chapter 12	Cum	3221.34	Rupees Three Thousand Two Hundred Twenty One and Thirty Four Paise Only
35	45.90	Refilling the basement and pipeline treanches with secleted availa	Cum	103.00	Rupees One Hundred Three Only
36	1.00	Supply of Drinking Water through water tankers of Capacity 5000 Liters Hiring of Water Tanker	Nos	412.00	Rupees Four Hundred Twelve Only
37	1.00	1023 - Hire Charges of Tractor 40 HP.including Operator and Fuel	Nos	1288.00	Rupees One Thousand Two Hundred Eighty Eight Only
38	5.00	Procurement of Water --Rs. 216.00 / Load (5000 Liters) Consider	Load	108.00	Rupees One Hundred Eight Only
39	1.00	Engaging Heavy Mazdoor	Per Day	375.00	Rupees Three Hundred Seventy Five Only
40	2250.00	Considering 3 Tractors 5 Loads/Day and for 5 Months	Load	586.00	Rupees Five Hundred Eighty Six Only

"NO OF CORRECTIONS NIL"
"PTS APPROVED"

[Signature]

[Signature]
Executive Engineer

Byatarayanapura Division
BBMP, Bangalore - 92

Note:

- 1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
- 2 Unit rates and prices shall be quoted by the Tender in Indian rupees.
- 3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a))
- 4 Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b)),